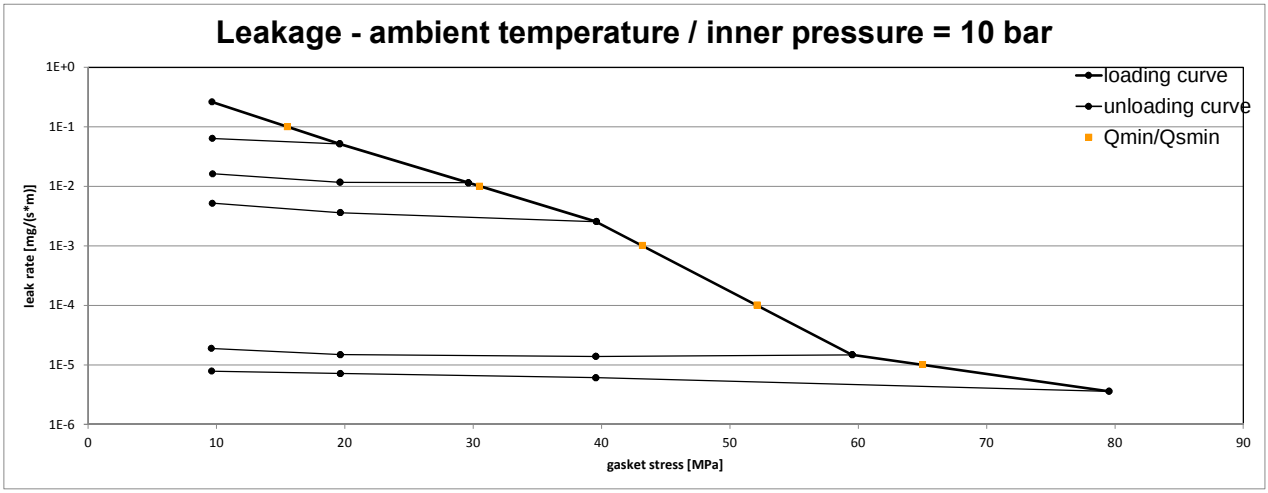
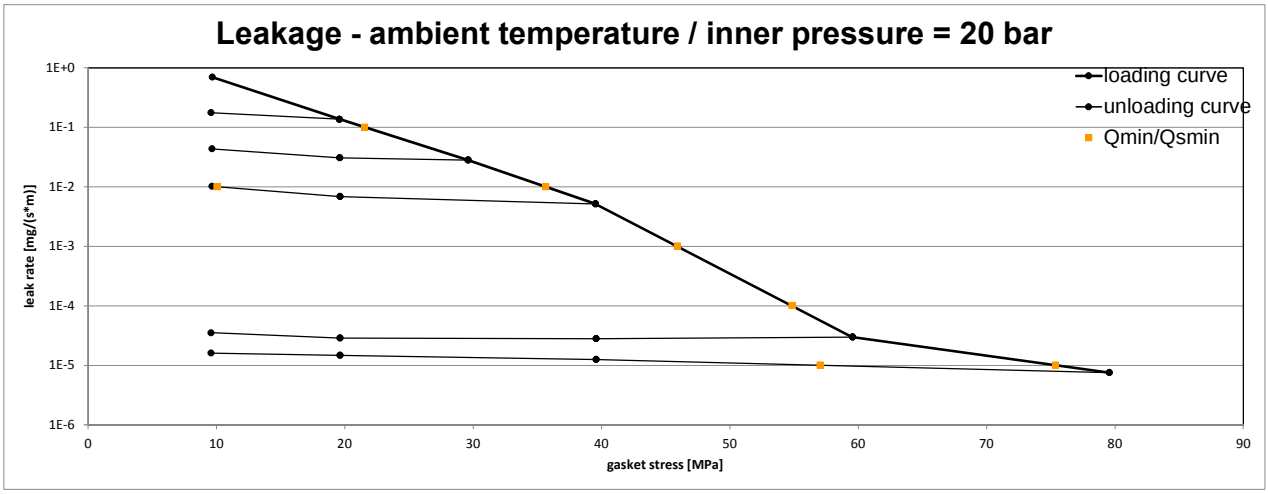
Company Address	W. L. Gore & Associates GmbH, Hermann-Oberth-Strasse 22, 85640 Putzbrunn, Germany	According to **DIN EN 13555 2014-07**
Gasket Type	GORE® GR Sheet Gasketing	
Sealing element dimensions [mm]	92 x 49 x 6	

L [mg/(s*m)]	$Q_{min/L}$ [MPa]	Minimum stress to seal $Q_{min/L}$ (at assembly), $Q_{Smin/L}$ (after off-loading) for p = 10 bar $Q_{Smin/L}$ [MPa]									
		Q_A= 20 MPa	Q_A= 30 MPa	Q_A= 40 MPa	Q_A= 60 MPa	Q_A= 80 MPa					
10^{-0}	10	10	10	10	10	10					
10^{-1}	16	10	10	10	10	10					
10^{-2}	31			10	10	10					
10^{-3}	43				10	10					
10^{-4}	52				10	10					
10^{-5}	65					10					



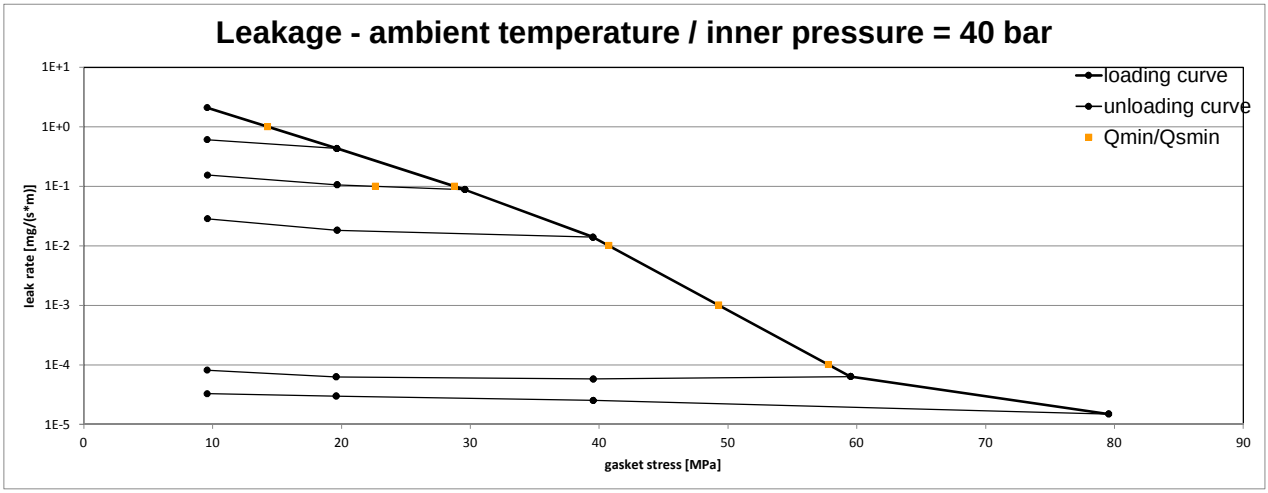
L [mg/(s*m)]	$Q_{min/L}$ [MPa]	Minimum stress to seal $Q_{min/L}$ (at assembly), $Q_{Smin/L}$ (after off-loading) for p = 20 bar $Q_{Smin/L}$ [MPa]									
		Q_A= 20 MPa	Q_A= 30 MPa	Q_A= 40 MPa	Q_A= 60 MPa	Q_A= 80 MPa					
10^{-0}	10	10	10	10	10	10					
10^{-1}	22		10	10	10	10					
10^{-2}	36			10	10	10					
10^{-3}	46				10	10					
10^{-4}	55				10	10					
10^{-5}	75					57					



Note: the content of darkened cells was not determined respectively is unnecessary	Rev - No: **2**	Creation date of this sheet:	**2016-01-25**

Company Address	*W. L. Gore & Associates GmbH, Hermann-Oberth-Strasse 22, 85640 Putzbrunn, Germany*	According to **DIN EN 13555 2014-07**
Gasket Type	*GORE® GR Sheet Gasketing*	
Sealing element dimensions [mm]	*92 x 49 x 6*	

Minimum stress to seal $Q_{min/L}$ (at assembly), $Q_{Smin/L}$ (after off-loading) for p = 40 bar											
L [mg/(s*m)]	$Q_{min/L}$ [MPa]	$Q_{Smin/L}$ [MPa]									
		Q_A= 20 MPa	Q_A= 30 MPa	Q_A= 40 MPa	Q_A= 60 MPa	Q_A= 80 MPa					
10^{-0}	14	10	10	10	10	10					
10^{-1}	29		23	10	10	10					
10^{-2}	41				10	10					
10^{-3}	49				10	10					
10^{-4}	58				10	10					

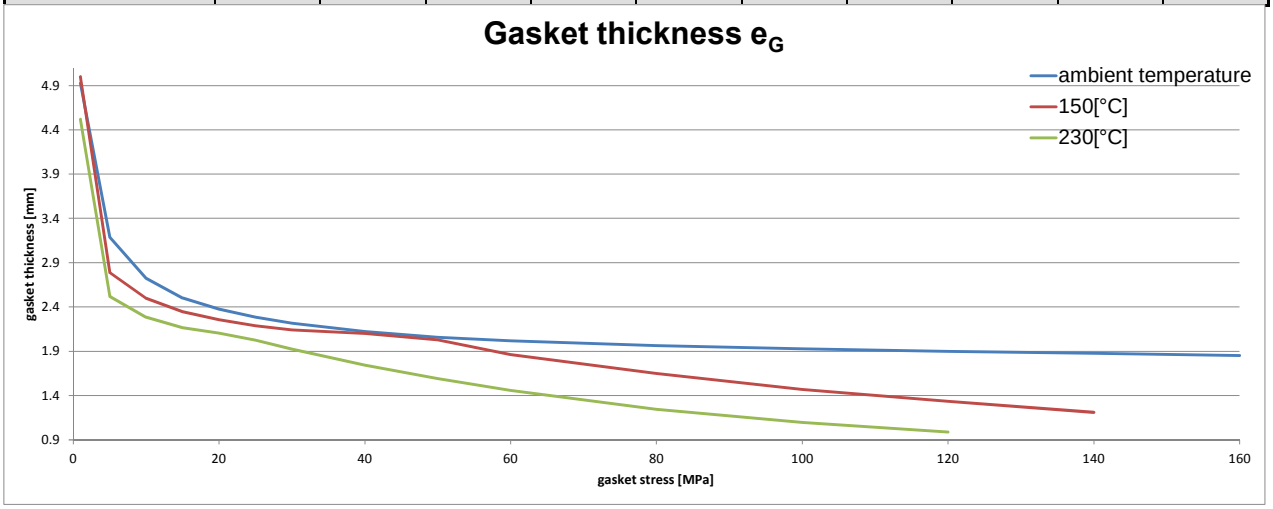


Note: the content of darkened cells was not determined respectively is unnecessary	Rev - No: **2**	Creation date of this sheet:	**2016-01-25**

Company Address	*W. L. Gore & Associates GmbH, Hermann-Oberth-Strasse 22, 85640 Putzbrunn, Germany*	According to **DIN EN 13555 2014-07**
Gasket Type	*GORE® GR Sheet Gasketing*	
Sealing element dimensions [mm]	*92 x 49 x 6*	

Relaxation ratio P_{QR} for stiffness **C** = 500 kN/mm										
Gasket stress	ambient temperature		temperature 1 [150 °C]		temperature 2 [230 °C]					
	P_{QR}	Δe_{Gc} [mm]	P_{QR}	Δe_{Gc} [mm]	P_{QR}	Δe_{Gc} [mm]				
Stress level 1 [30 MPa]	0.84	0.042	0.58	0.108	0.52	0.121				
Stress level 2 [50 MPa]	0.90	0.041	0.62	0.159	0.51	0.205				
P_{QR} and Δe_{Gc} at maximal applicable gasket stress Q_{smax}										
P_{QR} at Q_{Smax}	0.97	0.043	0.56	0.520	0.46	0.537				
Q_{Smax}	160 MPa		140 MPa		120 MPa					

Sekant unloading modulus of the gasket E_G [MPa] and gasket thickness e_G [mm]										
Gasket stress [MPa]	ambient temperature		temperature 1 [150 °C]		temperature 2 [230 °C]					
	E_G [MPa]	e_G [mm]	E_G [MPa]	e_G [mm]	E_G [MPa]	e_G [mm]				
0		5.972		6.040		5.982				
1		4.929		5.000		4.520				
5	64	3.190	54	2.786	67	2.518				
10	154	2.726	131	2.498	156	2.284				
15	245	2.503	241	2.347	289	2.165				
20	377	2.375	392	2.255	452	2.105				
25	523	2.285	547	2.189	537	2.025				
30	668	2.216	772	2.141	623	1.925				
40	895	2.123	1382	2.102	839	1.742				
50	1209	2.058	1445	2.029	1074	1.589				
60	1582	2.018	1640	1.863	1307	1.456				
80	2248	1.965	2027	1.649	1920	1.245				
100	2516	1.929	2510	1.470	2628	1.095				
120	2711	1.899	3315	1.335	3374	0.989				
140	3059	1.875	4288	1.211						
160	3573	1.853								



Note: the content of darkened cells was not determined respectively is unnecessary	Rev - No: **2**	Creation date of this sheet:	**2016-01-25**